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18158876.5 / 3 361 044
15182090.9 / 2 990 595

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(54) **FLOODING ANALYSIS TOOL AND METHOD THEREOF**

(57) Described herein are various embodiments of computer-implemented methods, computing systems, and program products for analyzing a flood operation on a hydrocarbon reservoir.

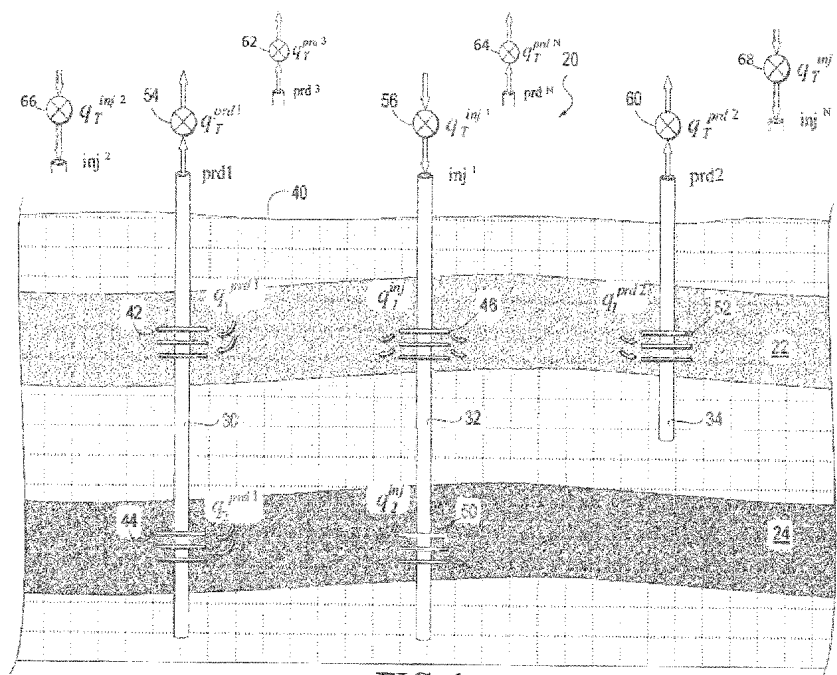


FIG. 1

**PARTIAL EUROPEAN SEARCH REPORT**

Application Number

under Rule 62a and/or 63 of the European Patent Convention.
This report shall be considered, for the purposes of
subsequent proceedings, as the European search report

EP 20 15 2763

DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
A	US 2012/053920 A1 (RAI KHYATI [US] ET AL) 1 March 2012 (2012-03-01) * paragraphs [0002], [0050] * * claim 1 *	1-9,14, 15	INV. E21B43/20
A	US 2009/107669 A1 (ELPHICK JONATHAN [GB]) 30 April 2009 (2009-04-30) * claim 1 *	1-9,14, 15	
			TECHNICAL FIELDS SEARCHED (IPC)
			E21B

INCOMPLETE SEARCH

The Search Division considers that the present application, or one or more of its claims, does/do not comply with the EPC so that only a partial search (R.62a, 63) has been carried out.

Claims searched completely :

Claims searched incompletely :

Claims not searched :

Reason for the limitation of the search:

see sheet C

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Place of search	Date of completion of the search	Examiner
Munich	18 August 2020	Schouten, Adri
CATEGORY OF CITED DOCUMENTS		
X : particularly relevant if taken alone		
Y : particularly relevant if combined with another document of the same category		
A : technological background		
O : non-written disclosure		
P : intermediate document		
T : theory or principle underlying the invention		
E : earlier patent document, but published on, or after the filing date		
D : document cited in the application		
L : document cited for other reasons		
& : member of the same patent family, corresponding document		

EPO FORM 1503 03.82 (P04E07)

**INCOMPLETE SEARCH
SHEET C**Application Number
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Claim(s) completely searchable:
1-9, 14, 15

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Claim(s) not searched:
10-13

Reason for the limitation of the search:

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In reply to the invitation to indicate the claims on which the search is to be based, the applicant failed to supply the requested indication in due time.

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Thus, the search report has been drawn up on the basis of the first independent claim of each category (Rule 62a(1) EPC): claims 1-9, 14 and 15.

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The applicant's attention is drawn to the fact that the application will be further prosecuted on the basis of subject-matter for which a search has been carried out and that the claims should be limited to that subject-matter at a later stage of the proceedings (Rule 62a(2) EPC).

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**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

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5 This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
The members are as contained in the European Patent Office EDP file on
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

18-08-2020

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2012053920 A1	01-03-2012	AU 2011296470 A1	28-03-2013
		CA 2809777 A1	08-03-2012
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		US 2012053920 A1	01-03-2012
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